**SPP00280 (01-01-21)**  ***(This section requires SP01030 for***  ***Temporary/Permanent Seeding)*** ***(Requires SPP02320 with Constr. Entrances***  ***Filter Berm Sed. Barrier, Sediment Traps, or Tire Wash Facility, & SPP3020)***

### Section 00280 – Erosion and Sediment Control

Comply with section 00280 of the Standard Construction Specifications modified as follows:

***(Use the following subsection .03 when the Contractor is to submit the erosion and sediment control plan, ESCP 4/12/22 SSC.)***

**00280.03 Erosion Control Standards** – Replace this subsection with the following.

When designing, applying, installing, maintaining, inspecting, and removing erosion and sediment control devices, use and follow the current version of Title 10 Erosion and Sediment Control Regulations and the City of Portland Erosion and Sediment Control Manual.

***(Use the following lead-in paragraph and subsection .44(f)(4) when bonded fiber matrix hydraulically applied matting is allowed. Obtain the fill-in the blank information from the Erosion Control Designer.)***

Add to the following to the end of this subsection:

**00280.44(f)(4) Bonded Fiber Matrix Matting Placement** - Apply bonded fiber matrix hydraulically at the rate of \_\_\_\_\_ pounds per acre. Apply in successive layers from at least two directions so that 100 percent coverage of all exposed soil is achieved. Do not apply the bonded fiber matrix immediately before, during, or after rainfall. Follow the manufacturer’s directions on drying so the applied product reaches the recommended state of dryness before being subjected to rainfall or other moisture. This varies from drying completely for up to 24 hours after installation to allowances for less drying, based on characteristics of the product approved for use. Apply bonded fiber matrix using commercial application equipment designed specifically for hydromulch application and approved by the bonded fiber matrix product manufacturer, either in printed literature or in consultation with the manufacturer. Furnish the manufacturer’s product literature or documentation of consultation with the manufacturer upon request.

 ***(Use the following lead-in paragraph and subsection .45(f) when compost filter socks are required.)***

Add to the following to the end of this subsection:

**00280.45(f) Compost Filter Socks** - Install compost filter socks perpendicular to the water flows that are not more than three (3) feet deep. Stake at intervals of six (6) to eight (8) feet. Install stakes through the center of the filter sock and at least one (1) foot into the ground with no more than four (4) inches protruding above the filter sock.

***(Use the following lead-in paragraph and subsection .45(g) when compost filter berms are required.)***

Add the following to the end of this subsection:

**00280.45(g) Compost Filter Berm** - Install compost filter berms in areas that do not receive channeled or concentrated water flows perpendicular to the water flow in a one-step process using pneumatic or mechanical spreaders. Ensure contact with the ground surface along the entire length of the berm. Compact and shape the compost filter berms into uniform trapezoids with the berm base twice its height or as shown. When shown, add seed to the compost berm at rates specified or as recommended by the manufacturer.

When shown, add a tackifier meeting the requirements of section 01030.16. Apply tackifier at the rates shown or as recommended by the manufacturer

***(Use the following subsection .48 on projects that require emergency materials. Obtain information from the Erosion Control Designer. Only list items that are included in the Schedule of Items.)***

**00280.48 Emergency Materials** - Add the following paragraphs after the paragraph that begins "Provide, stockpile, and protect...":

Provide and stockpile the following emergency materials on the project site:

 **Item Quantity**

**00280.90** **Payment –** Replace item (n), (o), and (r) with the following items:

**Pay Item** **Unit of Measure**

(n) Construction Entrance EA

(o) Tire Wash Facility EA

(r) Inlet Protection EA

Replace the paragraph beginning with “In items (f), (h), (n), (o), (r), and (s)…” with the following:

for items (f), (h), and (s), the type will be inserted in the blank